

LEARNING TRAILS

AJB SECONDARY

Grade: 10

Date: Week 6 – 6th to 10th February 2023

SUBJECTS	LESSONS AND CONCEPTS	LEARNING OBJECTIVES	ASSIGNMENTS AND ASSESSMENT
<p>ARABIC LANGUAGE _ ARABS</p> <p>UNIT: الفصل الدراسي الثاني</p> <p>LESSON: أسلوب الاستثناء</p>	<ul style="list-style-type: none"> المستثنى - المستثنى منه - أركان الاستثناء غير - سوى 	<ul style="list-style-type: none"> أن يتعرف المتعلم على أسلوب الاستثناء أن يحدد المتعلم أركان الاستثناء أن يعرب المتعلم المستثنى منه أن يستنتج المتعلم أنواع الاستثناء أن يكتب المتعلم فقرة مستخدمًا أسلوب الاستثناء 	<ul style="list-style-type: none"> مناقشة العرض التقديمي أوراق عمل مختلفة أنشطة صفية استخدام منصة ألف الواجب (حل الدرس) على منصة ألف
<p>ARABIC LANGUAGE_ GENERAL HG</p> <p>UNIT: 4</p> <p>LESSON: المدينة المستدامة</p>	<ul style="list-style-type: none"> المصادر النظيفة الطاقة المتجددة إنتاج الطاقة 	<ul style="list-style-type: none"> أن يتعرف الطالب المفردات الجديدة أن يذكر الطالب الدليل على التزام كوستاريكا بالطاقة المتجددة أن يصمم الطالب مخططًا للمعلومات الواردة بالدرس أن يجيب الطالب عن أسئلة الكتاب ص . 45 	<ul style="list-style-type: none"> بوربوينت أوراق العمل الأنشطة الصفية التعليمية الواجب (أن يكتب الطالب عن اعتماد الإمارات على مصادر الطاقة المتجددة)
<p>ISLAMIC STUDIES_ ARABS</p> <p>UNIT: 3</p> <p>LESSON: درس آداب اللباس</p>	<ul style="list-style-type: none"> اللباس الزينة الصوف الحرير الريش الاستبرق لباس التقوى 	<ul style="list-style-type: none"> أبين أهمية اللباس للإنسان أميز بين ما يحل من اللباس والزينة لكل من الرجل والمرأة أسمع دعاء لبس الثوب أبين أهمية الاقتصاد في الثوب والزينة 	<ul style="list-style-type: none"> مراجعة العرض التقديمي للدرس أنشطة مختلفة صفية منصة ألف التعليمية حل أنشطة الطالب بالكتاب المدرسي
<p>ISLAMIC STUDIES – ENGLISH</p> <p>UNIT: 3</p> <p>LESSON: Islamic Dress code</p>	<ul style="list-style-type: none"> Explain the Hadith of the Prophet SAW Explain the importance of Islamic Dress code 	<ul style="list-style-type: none"> ✓ Acquisition (, Watch, Learn) ✓ Learning from Practice ✓ Learning from discussion ✓ Learning from real life connection/ subject integration/ MEP integration 	<ul style="list-style-type: none"> Online quiz Discussion Daily life PPT Video Textbook

		<ul style="list-style-type: none"> ✓ Power point video embedded ✓ Live Teaching ✓ Task sheets for practice ✓ Discussion tool 	
<p>ENGLISH LANGUAGE</p> <p>UNIT: 6</p> <p>LESSON: REVIEW WRITING</p>	<ul style="list-style-type: none"> To distinguish, differentiate and to argue between the benefits and drawbacks of the topic and to write a 4-paragraph essay on the same. 	<ul style="list-style-type: none"> To use transitional devices that differ from summary writing and use points which state the benefits and drawbacks of the writing task having what they learnt and suggestions for improvements. 	<ul style="list-style-type: none"> PAST PAPER BOOKLET
<p>MATHEMATICS</p> <p>UNIT: 10</p> <p>LESSON: Probability</p>	<ul style="list-style-type: none"> Exclusive and independent events Tree diagrams probability from Venn diagrams, conditional probability 	<ul style="list-style-type: none"> Calculate the probability of simple combined events, using possibility diagrams, tree diagrams and Venn diagrams. Calculate conditional probability using Venn diagrams, tree diagrams and tables 	<ul style="list-style-type: none"> Exercise questions Daily practice questions Class test Past papers
<p>PHYSICS</p> <p>UNIT: 21</p> <p>LESSON: Earth and solar system</p>	<ul style="list-style-type: none"> Shape of orbit Orbital Speed Star and Energy Milky way 	<ul style="list-style-type: none"> Explain the shape of an orbit Analyse the orbital speed of the planets Explain the ways stars produce energy Explain milky way 	<ul style="list-style-type: none"> Peer assessment Self assessment Past paper questions Summary
<p>CHEMISTRY</p> <p>UNIT: Organic Chemistry</p> <p>LESSON: Polymers</p>	<ul style="list-style-type: none"> State that plastics are made from polymers Describe how the properties of plastics have implications for their disposal 	<ul style="list-style-type: none"> State that PET can be converted back into monomers and re-polymerised Describe proteins as natural polyamides and 	<ul style="list-style-type: none"> PPT Video Worksheet Past Paper Class Test

	<ul style="list-style-type: none"> Describe the environmental challenges caused by plastics, limited to: (a) disposal in land fill sites (b) accumulation in oceans (c) formation of toxic gases from burning 	<p>that they are formed from amino acid monomers with the general structure:</p> <ul style="list-style-type: none"> Describe and draw the structure of proteins as: N H C O N H C O N H 	
<p>BIOLOGY</p> <p>UNIT: Inheritance</p> <p>LESSON: Co dominance, Sex linked inheritance</p>	<ul style="list-style-type: none"> ABO blood groups as co dominance Color blindness as sex linked inheritance 	<ul style="list-style-type: none"> Interpret pedigree diagrams for the inheritance of a given characteristic. Describe codominance as a situation in which both alleles in heterozygous organisms contribute to the phenotype Explain the inheritance of ABO blood groups: phenotypes are A, B, AB and O blood groups and alleles are I^A, I^B and i^o. Describe a sex-linked characteristic as a feature in which the gene responsible is located on a sex chromosome and that this makes the characteristic more common in one sex than in the other Describe red-green colour blindness as an example of sex linkage Use genetic diagrams to predict the results of monohybrid crosses involving codominance or sex linkage and calculate phenotypic ratios 	<ul style="list-style-type: none"> Class test Revision paper Past paper PPT Challenging questions

<p>INFORMATION & COMMUNICATION TECHNOLOGY (ICT)</p> <p>UNIT: 6</p> <p>LESSON: ICT Applications</p>	<p>ICT applications – Embedded System Satellite System</p>	<ul style="list-style-type: none"> Describe embedded system and satellite system. 	<ul style="list-style-type: none"> PPTs Assessments Teams Video
<p>ECONOMICS</p> <p>UNIT:</p> <p>LESSON:</p>	<ul style="list-style-type: none"> Current account of balance of payments 	<ul style="list-style-type: none"> Describing the components of the balance of payments Analyse the causes of current account deficits 	<ul style="list-style-type: none"> Progressive test Solving case studies Mcq questions
<p>ACCOUNTING</p> <p>UNIT: Paper 12</p> <p>LESSON: Inventory valuation ,Manufacturing accounts , Limited Companies</p>	<ul style="list-style-type: none"> Topical MCQ s 	<ul style="list-style-type: none"> To interpret and evaluate data and draw reasoned conclusions in solving multiple choice questions 	<ul style="list-style-type: none"> Formulas and Formats Topical MCQ sheet Assessment and feedback
<p>BUSINESS STUDIES</p> <p>UNIT: 6</p> <p>LESSON:26</p>	<ul style="list-style-type: none"> Business and the international economy 	<ul style="list-style-type: none"> To discuss the concept of globalisation and the reasons for It To analyse opportunities and threats of globalisation for businesses 	<ul style="list-style-type: none"> Progressive tests Solving data response questions